

Title (en)
INFLATABLE PRODUCT

Title (de)
AUFBLASBARES PRODUKT

Title (fr)
PRODUIT GONFLABLE

Publication
EP 4101343 A1 20221214 (EN)

Application
EP 22188247 A 20190207

Priority

- CN 201820252921 U 20180212
- CN 201822168870 U 20181224
- EP 21180745 A 20190207
- EP 19155997 A 20190207

Abstract (en)
The present disclosure provides an inflatable product comprising a wall enclosing an air chamber. A plurality of main tension members and branch tension members are disposed within the air chamber. The main tension members have an upper edge and a lower edge. The branch tension members each include a first connection region and a second connection region each connected to the wall of the air chamber. The branch tension members each include a third connection region located between the first and second connection regions and connected to the upper edge or the lower edge of the main tension member.

IPC 8 full level
A47C 27/08 (2006.01)

CPC (source: EP US)
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Citation (search report)

- [XY] US 7353555 B2 20080408 - LAU VINCENT W S [HK]
- [XY] US 2017196368 A1 20170713 - LIU FENG [CN]
- [XY] US 2015096126 A1 20150409 - CHAI SWO-CHUNG [TW]
- [Y] US 2012031265 A1 20120209 - SONG RONG-JYH [TW], et al
- [Y] JP H01230303 A 19890913 - ACHILLES CORP, et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
EP 19155997 A 20190207; DK 19155997 T 20190207; EP 21180745 A 20190207; EP 22188247 A 20190207; US 201916272178 A 20190211